

WHAT IS CLAIMED IS:

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1. A press-fit connector comprising:
a housing provided with a plurality of
through-holes; and
pins secured to said housing by forcing
10 shoulder parts of the pins into said through-holes,
wherein said through-holes are configured
such that gaps are formed between said shoulder
parts and inner walls of said through-holes.

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2. The press-fit connector as claimed in
claim 1,
20 wherein said gaps are capable of receiving
shoulder part pressers of a housing-removing tool
for said connector, and
wherein stepped parts are provided on both
side surfaces of the housing such that engaging
25 protrusions of engagement members of the housing-
remover tool can be inserted thereto.

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3. A housing-remover tool for a press-fit
connector, comprising;
shoulder part pressers for pressing the
shoulder parts of the pin-shaped terminals, said
35 shoulder part presser having a hollow part for
receiving a pin part of the pin-shaped terminal and
a cut-away part at a leading end for engaging with

said shoulder part;

5 a first sub-assembly which can be inserted
inside a housing of the connector and provided with
through-holes for receiving said shoulder part
pressers; and

10 a second sub-assembly having a pair of
engagement members having engaging protrusions which
can engage with said stepped parts of said housing
and lifting means for lifting said engagement
members along the side surfaces of said first sub-
assembly.

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4. The housing-remover tool as claimed in
claim 3,

20 wherein said shoulder part pressers are
attached to said first sub-assembly at desired
positions.

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5. The housing-remover tool as claimed in
claim 3,

30 wherein said shoulder part presser is
provided with a peripheral stepped part provided on
its outer periphery and said through-hole of the
housing is provided with an inner stepped part, so
as to position said shoulder part presser in said
through-hole.

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6. The housing-remover tool as claimed in

claim 3,

wherein said first sub-assembly comprises
a lid member having ridges on its lower surface and
a main body having grooves on its upper surface,
5 orientations of said shoulder part pressers being
defined when said ridges and said grooves are mated.

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7. The housing-remover tool as claimed in
claim 3,

wherein an outer cross-section of said
shoulder part presser has a square shape so as to
15 enable closely located arrangement of said shoulder
part pressers.

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8. The housing-remover tool as claimed in
claim 3,

wherein said shoulder part presser is
provided with a notch or a mark at its rear end for
25 indicating the orientation of a cut-away part
provided on its leading end.